

## **The telephone plug and jack with transmission various signals**

### **ABSTRACT**

The telephone plug and jack with transmission various signals , which involves the telephone plug , the telephone jack , and the connecting cable . The telephone jack / ( or plug ) is installing on the wall of the room or of the office ; and the cable , which is connected with jack / ( or plug ) , is connecting with the local telephone networking , this device is using as the client input terminal ( access point ) of the local telephone networking . It will be input and transmission with various signals at same time , such as audio signal , television signal , video signal , multimedia signal , the various analogue signals and digital signals .

This device is a electric product . The telephone plug and jack are made up of plastic , and it's connecting cable is consisted of the twisted – pair cable , the shielded coaxial cable and the fibre – optic cable .

Figure is the new improved telephone plug , the telephone jack and the connecting cable . In this figure includes : the plug is viewing from top to down (7) , the jack is viewing from front (8) , the plug is viewing from left to right (9) , the plug is viewing from bottom to up (10) , and the connecting cable consists of the twisted – pair cable and the pair shielded coaxial cable (11) .